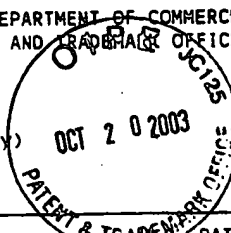


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Paul Dvorkis et al.FILING DATE
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2112

PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5	7	4	2	0	3	8	04/21/98	Dvorkis et al.			
	AB	5	5	9	1	9	5	4	01/07/97	Spencer			
	AC	5	4	4	0	1	1	1	08/08/95	Eastman et al.			
	AD	5	4	2	0	4	1	1	05/30/95	Salatto, Jr. et al.			
	AE	5	3	3	2	8	9	2	07/26/94	Li et al.			
	AF	5	2	8	0	1	6	1	01/18/94	Niwa			
	AG	5	2	5	0	7	9	1	10/05/93	Heiman, et al.			
	AH	5	2	3	5	1	6	7	08/10/93	Dvorkis, et al.			
	AI	5	2	2	9	5	9	1	07/20/93	Heiman, et al.			
	AJ	5	2	1	8	1	9	0	06/08/93	Hardesty, et al.			
	AK	5	2	0	0	5	9	7	04/06/93	Eastman et al.			
	AL	5	1	9	4	7	2	0	03/16/93	Reinnagel, et al.			
	AM	5	1	7	0	2	7	7	12/08/92	Bard et al.			
	AN	5	1	1	5	3	3	4	05/19/92	Tomita			
	AO	5	0	8	1	6	3	9	01/14/92	Synder et al.			
	AP	5	0	7	3	9	5	4	12/17/91	Van Tyne, et al.			
	AQ	5	0	6	7	0	9	3	11/19/91	Przybylowicz, et al.			
	AR	5	0	6	4	2	5	8	11/12/91	Inokuchi, et al.			
	AS	5	0	4	7	6	1	7	09/10/91	Shepard, et al.			
	AT	5	0	3	4	9	0	4	07/23/91	Moy			
	AU	5	0	1	5	8	3	1	05/14/91	Eastman et al.			
	AV	5	0	1	3	8	9	5	05/07/91	Iggulden, et al.			
	AW	4	9	9	2	6	4	9	02/12/91	Mampe, et al.			
	AX	4	9	8	0	5	4	4	10/25/91	Winter			
	AY	4	9	3	3	5	3	8	06/12/90	Heiman, et al.			
	AZ	4	9	1	6	2	9	8	04/10/90	Raphael			
	AAA	4	8	9	6	0	2	6	01/23/90	Krichever, et al.			

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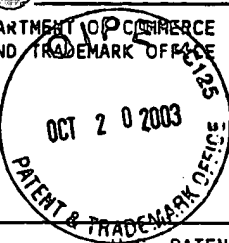
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
-	BA	4	8	9	4	7	9	0	01/16/90	Yotsuya, et al.			
	BB	4	8	6	0	2	2	6	08/22/89	Martin, et al.			
	BC	4	8	4	1	1	2	9	06/20/89	Tawara et al.			
	BD	4	8	2	6	2	6	9	05/02/89	Streifer, et al.			
	BE	4	8	2	5	0	4	8	04/05/89	Poland			
	BF	4	8	2	2	9	8	6	04/18/92	Guthmueller, et al.			
	BG	4	8	2	0	9	1	1	04/11/89	Arackellian, et al.			
	BH	4	7	9	5	2	8	1	01/03/89	Ulinksi, Sr., et al.			
	BI	4	7	7	7	3	5	7	10/11/88	Harada, et al.			
	BJ	4	7	2	1	8	6	0	01/26/88	Troendle			
	BK	4	7	0	5	9	3	9	11/10/87	Ulinski, Sr.			
	BL	4	6	5	2	7	5	0	03/24/87	Eastman, et al.			
	BM	4	6	4	1	0	1	8	02/03/87	Mazumder, et al.			
	BN	4	6	0	6	6	6	0	08/19/86	Bradshaw, et al.			
	BO	4	5	7	0	0	5	7	02/11/86	Chadima, Jr., et al.			
	BP	4	5	6	0	8	6	2	12/24/85	Eastman et al.			
	BQ	4	5	5	5	1	6	4	11/26/85	Feinbloom			
	BR	4	5	3	8	8	9	5	09/03/85	Higgins, et al.			
	BS	4	5	0	8	6	8	6	04/02/85	Shaber, et al.			
	BT	4	5	0	0	7	7	6	02/19/85	Laser			
	BU	4	3	6	9	3	6	1	01/18/83	Swartz, et al.			
	BV	4	3	6	0	7	9	8	11/23/82	Swartz, et al.			
	BW	4	1	9	9	8	1	6	04/22/80	Humphrey			
	BX	3	8	7	1	7	4	8	03/18/75	Day			
	BY	3	7	9	0	7	5	6	02/05/74	Graves, et al.			
	BZ	3	7	8	0	2	7	0	10/18/73	Faulkner, et al.			
	BAA	3	3	9	6	3	4	4	08/06/68	Broom			
	BAB	3	0	5	1	0	5	1	08/28/62	Jeffree			

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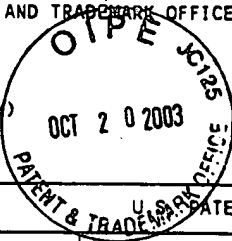
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	CA						
	CB						
	CC						
	CD						

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	CE	WO 94/01835	01/20/94	PCT				
	CF	WO 93/18478	09/16/93	PCT				
	CG	0 589 361	03/30/94	Europe				
	CH	0 492 065	01/07/92	Europe				
	CI	0 385 478	09/05/90	Europe				
	CJ	0 249 713	12/23/87	Europe				
	CK	3602008	07/30/87	Germany				ABSTRACT
	CL	0198175	08/29/91	Japan			YES	
	CM	3-127191	05/30/91	Japan				ABSTRACT
	CN	1-93871	04/12/89	Japan			YES	
	CO	61-120283	06/07/86	Japan				ABSTRACT
	CP	55-88172	07/03/80	Japan				ABSTRACT

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OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	CQ	"Quick Check 500" Brochure, Photographic Sciences, 2 pages, 1989
	CR	Barkan, Automatic I.D. News, "Author Verifies the Key to Bar Coding Success", (Nov. 1988)
	CS	Grabowski, et al., "Code Reading Mechanical Scanning Gun", IBM Technical Disclosure Bulletin, Vol. 5, No. 5 October 1962

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	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	6-150039	5/1994	Japan				Abstract
	AM							
	AN							
	AO							
	AP							

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	AQ	
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EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	5 4 3 8 1 8 7	08/01/95	Reddersen et al.	235	462	
AB	5 3 0 4 7 8 8	04/19/94	Metlitsky et al.	235	467	
AC	5 2 9 1 3 1 9	03/01/94	Harris	359	18	
AD	5 2 5 4 8 4 4	10/19/93	Krichever et al.	235	462	
AE	5 2 3 3 1 7 0	08/03/93	Metlitsky et al.	235	462	
AF	5 2 1 0 3 9 8	05/11/93	Metlitsky	235	462	
AG	4 7 4 8 3 1 6	05/31/88	Dickson	235	454	
AH						
AI						
AJ						
AK						

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

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						YES	NO
AL	60-195639	3/1984	Japan			abstract	
AM							
AN							
AO							
AP							

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

AQ	Yamazaki et al, "New Holographic Technology for a Compact POS Scanner," Applied Optics, vol. 29, No. 11 (April 1990)					
AR						
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	AC												
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	AE												
	AF												
	AG												
	AH												
	AI												
	AJ												
	AK												

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	AN							
	AO							
	AP							

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